

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-009001**Date Inspected:** 16-Sep-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 1845**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 645**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name: Liu Zhong An

Inspected CWI report:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A

CWI Present:	Yes	No
Rod Oven in Use:	Yes	No
Weld Procedures Followed:	Yes	No
Verified Joint Fit-up:	Yes	No
Approved WPS:	Yes	No
Delayed / Cancelled:	Yes	No

Bridge No: 34-0006**Component:** Tower**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Larry Viars was present during the times noted above for observations relative to the work being performed.

Bay 11-

This QA Inspector performed Magnetic Particle Testing (MT) verification of West Tower Lift 4 Skin plate A doubler plate and access door welds previously tested and accepted by ZPMC QC. This QA inspector generated an MT report for this date. The following welds were tested: WSD1-FASA4-2 A/E-034, 036, 042 WSD1-FASA4-2 A/E-010, 011, 012, 017, 020, 021, WSD1-FASA4-2 B/E-002, 017, 025.

Bay 10-

This QA Inspector observed the following work in progress: FCAW welding of North Tower Lift 3 weld joint SPSA3-56-3B. ZPMC welder was identified as 040533. ZPMC QC is identified as Ma Yun. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2231-TC-U5-F.

FCAW repair welding of North Tower Lift 3 Skin Plate B to C corner joint, NSTL3-3 C/K 82A. ZPMC welder was identified as 040343. ZPMC QC is identified as Liu Zhong An. The welding appeared to be in conformance with welding procedure specification, WPS-345-FCAW-2G(2F)-Repair.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

documents.

Summary of Conversations:

Only general conversation between QC and QA occurred this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Serge Sinevod, 134 8257 0045, who represents the Office of Structural Materials for your project.

Inspected By:	Viars,Larry	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
